

In the Abstract:

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Abstract of the Disclosure

An element for making an electric contact to a contact member for enabling an electric current to flow between the element and the contact member. The element includes a body having at least a contact surface thereof coated with a contact layer applied against the contact member. The contact layer includes a film including a multielement material with equal or similar composition as any of a layered carbide or nitride that can be described as $M_{n+1}AX_n$, where M is a transition metal or a combination of a transition metals, n is 1, 2, 3 or higher, A is an group A element or a combination of a group A element, element and X is Carbon, Nitrogen or both.